

★ QST ★

Index to Volume XLII—1958

ANTENNAS & TRANSMISSION LINES

Adjustable 4-Element 10-Meter Beam (Kuran)	16, Jan.
Adjustment of Gamma-Matched Parasitic Beams (Nose)	44, Mar.
Beam Talk for the Layman (Jones)	35, July
Circular Antennas for 10 Meters (Doty)	36, Nov.
Concentric-Feed Yagi, A (Graf)	24, Nov.
Continuously Loaded Whip Antennas (Harris)	47, May
Directional Coupler for 144 Mc., A.	38, Aug.
Driven Beast, The (Clement)	11, May
End to Trap Troubles, An (Mason)	32, May
Feeding the Simple Antenna (McCoy)	33, Mar.
Five-Way Antenna Coupler, A (Brogdon)	42, Nov.
Fixed-Station Operation With a Mobile Antenna (H&K)	63, Aug.
Four-Band Dipole With Traps (Shafer)	38, Oct.
Half-Size Ground Plane Antenna for 10 Meters, A (Hatfield)	28, Apr.
Helical Element Ground Plane (Rosenbaum)	30, Oct.
Homemade Lightning Arresters (H&K)	79, May
How to Set a Trap (Kramer)	32, Feb.
Inexpensive and Rugged Mechanical Construction for Cubical Quad Antennas (H&K)	62, Aug.
Match, or Not to Match? (Beers)	13, Sept.
"Matchtone" The (Grenfell)	26, Jan.
"Mickey-Match," The (Bunce)	26, Nov.
Optimum Stacking Spacings in Antenna Arrays (Kasper)	40, Apr.
Plastic Stand-Off Insulators	70, Nov.
Quad Antenna Dimensions (Elliott) (Tech. Corres.)	47, Apr.
Quad Dimensions, More on (Rummell) (Tech. Corres.)	24, Sept.
Remotely-Controlled Switching Circuit for Coaxial Feedlines	58, Mar.
Another	52, Sept.
Remote Tuning of the Cubical Quad (H&K)	69, Feb.
Removing Guy Wire and Ground Stakes (H&K)	73, June
RG-8 U in the Gamma-Match Capacitor (H&K)	64, Aug.
Safe Tower for a City Lot (Abraham)	31, Aug.
Series or Parallel Tuning with the Heath AC-1 (H&K)	71, Dec.
Simple, Cheap Antenna Bridges (Geiser)	36, May
Simple Quad Antenna Support, A (Hollenbeck)	27, Dec.
Simple Rotary Joint for Beam Antenna Feedlines (Snyder)	23, June
Simple Universal Antenna Coupler (Mendes)	21, Feb.
Splicing 300-Ohm Line (H&K)	63, Jan.
An Additional Hint	62, Aug.
Streamlining Antenna Booms (H&K)	77, May
Stub Tuning Aid (H&K)	65, July
"Tee-Pee" The (Bunce)	23, Jan.
Telescoping Antenna Mast (Vonhof)	28, Mar.
Three-Band Ground-Plane Antenna, A (Swanson)	26, Feb.
Transformerless Version of W3DM's T.R. Switch (H&K)	60, Feb.
T.R. Switches (H&K)	51, Sept.
Tuning the Heliwhip to Frequency (H&K)	68, Dec.
Two-Band Halo for V.H.F. Mobile, A (Tilton)	11, Sept.
Two-Meter Ground Plane (H&K)	68, Dec.
"Umbrella for Two": Novel Ground-Plane Antenna for 144 Mc. (H&K)	64, Aug.
Unbalanced to Balanced Feed for Low-Impedance Multi-Band Antennas (H&K)	52, Sept.
Uncubical Quad (Ellingson) (Tech. Corres.)	34, July
Using Film Reels as Capacitive Hats (H&K)	69, Feb.
Using Four-Conductor Rotator Cable in Parallel Dipole Antennas (H&K)	50, Sept.
Versatile Standing-Wave Indicator, The (Goodman)	15, June
Weather-Resistant Quad, A (Weinstock)	42, June
2-Band Antenna for 7 and 14 Mc., A (H&K)	71, Nov.

AUDIO-FREQUENCY EQUIPMENT & DESIGN

Filterless Terminal Unit for FSK, A (Kaufman)	39, July
Increasing Audio Oscillator Range (H&K)	53, Sept.
Low-Distortion Modulator for Clipped Speech (Belting)	31, Jan.
Medium- to High-Power Audio From 813s (Simmons)	11, Nov.
Screen-Grid Modulator, Inexpensive (H&K)	73, Nov.
Using the Dynamic Microphone (Soules)	30, Jan.

12AX7 Modulator Unit Utilizing Printed Circuit Techniques (Middleton, Stueber)	40, May
6BE6 Preamplifier for Both Hi- and Lo-Z Microphones (H&K)	52, Jan.

BEGINNER

"Bonus" 21-Mc. Converter, The (McCoy)	33, Oct.
Feedback	10, Nov.
Cheap and Simple R.F. Indicators (McCoy)	16, Nov.
Crystals Where You Want Them (McCoy)	19, June
Feeding the Simple Antenna (McCoy)	33, Mar.
How To Solder (McCoy)	16, Sept.
How To Tune Your Pi-Network Final (McCoy)	34, Feb.
"Mirror" for the Novice Fiat, A (Carter)	50, Mar.
Novice Band Checker, A (McCoy)	19, July
Novice 50 Watter, The (McCoy)	15, Dec.
Versatile 50-Mc. Transmitter, A (Tilton)	16, Oct.
WIIICP's Transistor Code-Practice Set, More About (H&K)	62, Apr.
50-Mc. Station for the Beginner (McCoy)	
Part I	30, Apr.
Part II	22, May
80-Meter Loading Without Harmonics (McCoy)	24, Aug.

COMMUNICATIONS DEPARTMENT

Affiliated Club Honor Roll	96, June; 100, Dec.
Countries List	70, Jan.
DXCC Notes	88, Jan.; 82, Mar.; 105, May; 97, June; 81, July; 83, Aug.; 101, Oct.
DXCC YLs (YL News & Views)	93, May
DX Century Club Roll	104, Dec.
Elections, 92, Feb.; 87, Apr.; 95, June; 82, Aug.; 100, Oct.; 102, Dec.	
Frequency Measuring Tests Results	82, Jan.; 96, June
Meet the SCMs	97, May; 80, July; 100, Oct.; 103, Dec.
Net Directory	83, Jan.; 81, Mar.; 101, May; 91, Nov.
RTTY Notes	86, Feb.; 100, May
Section Emergency Coordinators of the AREC	90, Oct.
WIAW Operating Schedule	82, Jan.; 83, Mar.; 90, Nov.
General-Contact Schedule	100, May
Summer Schedule	100, May; 80, July

CONTESTS & OPERATING ACTIVITIES

Armed Forces Day, 1958	
Rules	64, May
Results	49, Aug.
CD Party Results	86, Feb.; 84, Apr.; 75, July; 99, Oct.
DX Contests, Miscellaneous	
Dutch, 1958	72, Apr.
French, 1958	80, Feb.
Helvetia — 22	89, May
Pan-American, 1958	65, Oct.
U.S.S.R.	91, May
VK/ZL	75, Sept.
Field Day, 1958 ARRL	
Rules	65, June
Preview of Results	96, Oct.
Results	46, Dec.
Frequency Measuring Tests, 82, Jan.; 90, Feb.; 96, June; 84, Sept.	
International DX Competition, 24th ARRL	
Announcement	76, Jan.; 10, Feb.
High-Claired Phone Scores	55, June
High-Claired C.W. Scores	73, July
Official Results	30, Oct.
Novice Roundup, 7th Annual (1958)	
Announcement	51, Jan.; 66, Feb.
Results	30, Aug.
Operation Alert, 1958	
Announcement	104, May
Results	70, Oct.

QSO Party	
Cleveland Convention Sweepstakes	108, Sept.
Connecticut, C.W.A. 11th	136, Oct.
Delaware, 3rd	92, Mar.
Goose Bay Amateur Radio Club, Annual	142, Mar.
Massachusetts	124, Jan.; 150, Dec.
New Hampshire, 9th	120, Mar.
Ohio IntraState, 6th Annual	114, Apr.
Pennsylvania	96, Mar.
Vermont, 7th	154, Dec.
Virginia Free-For-All	128, Sept.
West Virginia	138, Apr.
Wisconsin	136, Dec.
Simulated Emergency Test - 1957	52, Apr.
Announcement, 1958	87, Oct.
So You Know Your Field Day Rules (Simmons)	68, June
Sweepstakes	
High Claimed Scores, 1957	90, Feb.
Results: C.W.	50, May
Phone and Club Totals	49, June
Correction	52, Aug.
Announcement, 1958	10, Oct.; 48, Nov.
VE/W Contest	
Results, 1957	48, Mar.
Rules, 1958	48, Sept.
VEI Contest, 4th Annual	146, Jan.
V.H.F. QSO Party	
June Announcement	67, June
Sept. Announcement	49, Sept.
June Results	88, Oct.
V.H.F. Sweepstakes	
Results, 11th Annual	65, Apr.
Announcement, 12th Annual	66, Dec.
YL-OM Contest, 9th Annual	
Announcement	72, Feb.
Results	78, June
YLRL Anniversary Party	
Results, 18th	70, Feb.
Announcement, 19th	76, Nov.

CONVENTIONS

Alaskan Territory	10, July
Dakota Division	10, Sept.
Hudson Division	10, Sept.
Maritime Provinces	10, Aug.
Michigan State	10, Feb.
Midwest Division	16, Sept.
National Convention, 10th ARRL	64, June; 66, July
Late News	56, Aug.
New England Division	10, Sept.
New Hampshire State	10, May
Ontario Province	10, Oct.
Oregon State	10, Mar.
Pacific Division	10, June
Rocky Mountain Division	10, June
Southwestern Division	10, Oct.
West Gulf	10, July

DXPEDITIONS

DXpedition or Vacation? (Hughes)	58, Nov.
Four States, One QTH - The Easy (?) Way (Fenwick)	54, Nov.
From Somera to Samoa (Henry)	54, Jan.
Invasion of Crete (Fason)	80, May
Taking Single Sideband to the Seychelles (Chapman)	52, Nov.
What's Wrong With Delaware? (Austin)	52, Feb.
Yasme II to Aves Island (Weil)	72, Dec.

EDITORIALS

Amateur Calls	9, May
Balance	9, Nov.
Board Meeting	9, Apr.
Conference Rumors	9, Apr.
Cut and Try	9, Mar.
Kudos	9, Oct.
League Elections	9, Aug.
Membership Growth	10, Apr.
Mininformation	9, Dec.
National Convention	9, Aug.
New Mailing Gear	10, Jan.
Radio Clubs	9, Feb.
Reciprocal Licensing	9, Mar.

Superpower	9, Sept.
U. S. Communications Policy	9, May
"What Do I Say?"	9, Nov.
World Allocations Proposal	9, June
Wouff Hong, The	9, July
Year in Review, The	9, Jan.
3,000,000	10, May

EMERGENCIES

AREC, With the (Operating News)	
Alabama Tornadoes and Floods	87, Feb.
Agawam, Mass., Car Accident	76, July
Anacortes, Wash., Highway Accident	78, July
Audubon County, Iowa, Heavy Rainfall	93, Oct.
Baltimore, Md., Stranded Dog	76, July
Bathurst, N.B. Ice Storm	98, May
Bedford, Mass., Missing Boy	85, Apr.
Belleville, Ill., Tornado	78, Aug.
Billings, Mont. Tornado and Hail	81, Sept.
Brooklyn, N. Y., Fire	85, Apr.
Burlington Co., N. J. Threatening Floods	92, June
California Flood Emergency	89, Aug.
Camp Winnebago, N. J., Snowstorm	96, May
Canal Zone Emergency Corps Hospital Emergency	78, July
Cass County, Ind., Wabash River Flood	81, Sept.
Chester County, Pa., Flood Conditions	99, May; 94, Oct.
Cochran, Ga., Tornado	92, June
Columbus, Miss., Tornado	80, Sept.
Cottage Grove, Ore., Airplane Crash	77, Mar.
Dupuyer, Mont., Auto Accident	88, Feb.
El Paso, Texas, Search for Child	80, Sept.
Erie County, N. Y., Heavy Snowfall	76, July
Fayetteville, Ill., Tornado	78, July
Florida Search for Needed Medicine	79, Aug.
Fl. Pierce, Fla., Tornado	78, July
Fort Walton Beach Search for Missing Children	98, May
Georgetown, Del., Airplane Crash	78, July
Great Falls, Mont., Auto Accident	88, Feb.; 77, Mar.
Hartford, Mich., Rain Storm	98, Dec.
Hawaiian Islands, Hurricane Alert	87, Feb.
Hollywood, Calif., Car Accident	79, Aug.
Honesdale, Pa., Isolated Families	99, May
Howard County, Ind., Tornadoes and Floods	81, Sept.
Huntsville, Ala., Runaway	85, Apr.
Indianapolis, Ind., Flood Conditions	93, Oct.
Killeen, Texas, Floods	81, Jan.
Kermitt, W. Va., Flood Alerts	93, Oct.
Lawrence, N. Y., Accident	78, July
Macungie, Pa., Derailed Train	93, Oct.
Mansfield Hollow, Conn., Forest Fire	78, Aug.
Maryland Helicopter Rescues	99, May
Memphis, Tenn.	
Search for Two Boys	78, July
Flood	78, Aug.
Mercer Co., N. J., Snowstorm	92, June
Montgomery County and Chester County, Pa., Snowstorm	76, July; 93, Oct.
Mount Diablo, Calif., Flood Alert	92, June
Mt. Jefferson, Ore., Rescue of Mountain Climbers	93, Oct.
Murphysboro and Mt. Vernon, Ill., Tornado	98, May
Niagara Falls, N. Y., Explosion	76, July
Northeast Texas Missing Man	85, Apr.
Northern Alabama Snowstorm	99, May
Nova Scotia South Shore Wind and Rain Storm	78, Aug.
Orange, Texas, Tornado	83, Jan.
Floods	98, Dec.
Piedmont, Ala., Ammunition Explosion	83, Jan.
Ripton, Vt., Search for Lost Hunter	87, Feb.; 85, Apr.
Rochester, N. Y., Aid to Sick Man	81, Sept.
Rutherford, N. J., Drowning	77, Mar.
St. John, N. B., Freezing Rain	99, May
St. Lambert, Que., Floods	93, Oct.
Springhill, N. S., Fire	98, May
Staten Island, N. Y., Prowler	78, July
Sycamore, Ill., Missing Girl	77, Mar.
Tamaqua, Pa.	
Bee Sting	77, Mar.
Heavy Snows	92, June
Trenton, N. J., Auto Accident	77, Mar.
Valleitos, Calif., Missing Girl	77, Mar.
Washington State Heavy Snowfall	77, Mar.
West Bend, Wis., Tornadoes	78, Aug.
Westfield, N. Y., Highway Accidents	99, May

West Great Falls, Mont., Flood.....	80, Sept.
Wisconsin Tornadoes.....	79, Aug.
Operation Alert, 1958	
Announcement.....	104, May
Results.....	70, Oct.
Section Emergency Coordinators of the AREC.....	99, Oct.
Simulated Emergency Test — 1957 (Hart).....	52, Apr.
Announcement, 1958.....	87, Oct.

FICTION

Hot Contest, A (Colvin).....	66, May
How I Come To Be a Ham (Dence).....	49, Oct.
No SS — No Regrets (Morseau).....	62, May
NSB (Pickering).....	50, Apr.
Occurrence in Alpha Sub 1 (Hilbrink).....	47, Jan.
Perils of Six Meters, The (Seals).....	75, Dec.
True Love (Gillespie).....	57, Mar.
What Is a DX'er? (Amis).....	230, Dec.
Working WLP (Hayden).....	58, June

HAPPENINGS OF THE MONTH

ARRL Files on MM Proposal.....	73, May
ARRL Filing on Maritime Mobile Proposal.....	57, July
Board Meeting High Lights.....	64A, June
Election Notice.....	53, Aug.; 64, Sept.
Election Results.....	57, Jan.; 51, Nov.
Examination Schedule, 1958.....	57, Jan.
FCC Forms.....	79, Oct.
FCC-IRAC Proposals.....	63, June
FCC Proposes Remote Control on 220 Mc.....	51, Nov.
Louisville Exams.....	55, Aug.
Minor RACES Rules Change.....	50, July
Minutes of 1958 Annual Meeting of the Board of Directors.....	58, July
MM Expansion Proposed.....	52, Mar.; 60, Apr.
National Convention.....	64, June
National Convention Plans.....	60, Apr.
Portable Rules Changes.....	50, July
Portable Rules for Filing.....	58, Jan.
Radioastronomy.....	53, Aug.
Re-Examination Filing.....	64, Sept.
Re-Examination Proposal.....	57, July
Staff Anniversary.....	73, May
Staff Notes.....	79, Oct.
U.H.F. Changes.....	63, June
V.H.F. C.W. Filing.....	65, Sept.
V.H.F. C.W. Segments Proposed.....	54, Aug.
WA2ABC de WV6DEF.....	72, May
14-Mc. Phone Expansion Proposed.....	53, Aug.
1800-2000 Kc. Changes.....	64, June
1958 Exam Schedule.....	56, July
21-KMC, Filing.....	55, Aug.
27-Mc. Band Deleted.....	78, Oct.

HINTS AND KINKS

January, pages 52-53

Automatic "Timer" for the 10-Minute Station Break
 "New Approach" to Mobile Converter Construction, Re
 Series-Parallel Switching Circuit for Power Transformer Primaries
 Splicing 300-Ohm Line
 6BE6 Preamplifier for Both Hi- and Lo-Z Microphones

February, pages 67-69

Additional Output Terminals for the Receiver's Auxiliary Power
 Socket
 DX-100 Keying
 QSL Card Display Method, Another
 Remote Tuning of the Cubical Quad
 Simple Grid Current Indicator for Class AB Linear Amplifiers
 Transformerless Version of W3DM's T.R. Switch
 Transistorized B.F.O. for Mobile Use
 Use for the Bell-or-Chime-Circuit Transformer, Another
 Using Film Reels as Capacitive Hats

March, pages 58-60

"Anchoring" the J-38 Key
 Audio-Frequency Test Signal Without an Audio Oscillator
 BC-221 as a Carrier Injection Generator for S.S.B.
 Capacitive Neutralizing Hint

Mobile Hint: Pencil When You Need It
 Multiple Position Crystal Holder
 Reducing Noise in Transistorized Auto Receivers
 Remotely-Controlled Switching Circuit for Coaxial Feedlines
 Squelch System for the Gonset G-66
 "Tee" Trap for V.H.F., A

April, pages 62-64

Cleaning Hint, Another
 Conelrad Monitoring With Discarded Auto Receivers
 Driving Soft Copper Pipe Into the Earth
 Holders for Radar-Type Crystals
 Homemade Flexible Shaft Extensions
 S.S.B. Reception With the Universal Service Product Detector
 and Collins 75-A3, Re
 "Starting Nuts" Kink, Another
 Tubless Converter for 75-Meter Mobile
 Using the Gonset Super-Six Ahead of a Command Receiver
 W11CP's Transistor Code-Practice Set, More About

May, pages 76-79

Audio Muting for the Collins 75-A1
 Homemade Lightning Arresters
 Keying the Viking Mobile Transmitter
 Molding Clay Tool Holder
 Neutralizing Hints
 Source of Shm Stock, A
 Streamlining Antenna Booms
 Time-Delay Protective Circuit for High-Voltage Power Supplies
 Variable Band Width for the Heathkit Q Multiplier
 Wax Paper in the Workshop and Shack
 Wide Range Loading Capacitance using only Four Capacitors

June, pages 71-73

Improved Control Circuits for the DX-35
 Removing Guy Wire and Ground Stakes
 Save That Old Mascara Brush
 Soldering and Soldering Accessories

July, pages 63-65

Mobile Hint: Pruning Loading Coils
 Plastic Storage Bins
 Plug-In Coil Hint
 R.F. and Audio Ratings for the Surplus 701A
 Screen-Grid Protection With A Surplus Relay
 Simple 12-Volt Mobile Converter for 75 and 40 Meters
 Stub Tuning Aid

August, pages 62-64

Fixed-Station Operation With a Mobile Antenna
 Inexpensive and Rugged Mechanical Construction for Cubical
 Quad Antennas
 Method of Installing "Proxos," Another
 Remotely-Controlled Coaxial Switch
 RG-8/U in the Gamma Match Capacitor
 Snap-On Cable Clamps
 Splicing 300-Ohm Line: An Additional Hint
 Time Signals on the Gonset Super 6
 "Umbrella for Two": Novel Ground-Plane Antenna for 144 Mc.

September, pages 50-53

Band Edge Marker, A
 Easier Removal of Batteries From Holders
 "Fixed-Location" Power Supply for Mobile Equipment, A
 Increasing Audio Oscillator Range
 Manual Keying With the "Mon-Key"
 Proxos to Ranger Connections
 Recording Oscilloscope Traces With a Grease Pencil
 Reducing Key Clicks in Cathode Keyed Transmitters
 Remotely-Controlled Switching Circuit for Coaxial Feedlines:
 Another
 Simple Methods to Lower Crystal Frequency, A
 T.R. Switches
 Unbalanced to Balanced Feed for Low-Impedance Multiband
 Antennas
 Using Four-Conductor Rotator Cable in Paralleled Dipole Antennas

October, pages 74-77

Balanced Modulator for the W1JEO Exciter, A
 Book Holder-Opener
 Changing Crystal Frequencies
 Cheap and Easy Shielding of Power Cables

Gonset Communicator III, Notes on the
Gonset V.H.F. V.F.O., Notes on the
Making Slug-Tuned Coils From Coax
Medical Tools for the Workbench
Modifications to the Elmac AF67
Mounting QSL Cards
Removing Static Electricity From Plastic Meter Covers

November, pages 70-73

Coaxial Straight Adapter, A
Feed-Through Insulator, A Novel
Noisy Volume Controls, Remedy for
One-Hand Key Monitone Switch
Plastic Stand-Off Insulators
R.F. Sampler, Improved
Screen-Grid Modulator, Inexpensive
Switch-to-Safety Idea
V.H.F. Crystal Oscillator
2-Band Antenna for 7 and 14 Mc., A
6146 Beam Power Tube, Longer Life for the

December, pages 68-71

Don't Clean Ceramic Material!
Keep It Clean
Push-to-Talk for the Communicator I and II
Q Multiplier for BC-312 or BC-342
Series or Parallel Tuning With the Heath AC-1
Squelch Circuit for Hallieraters S-85
Transistorized Tunable Converter, A
Tuning the Helicopter to Frequency
Two-Meter Ground Plane

I. A. R. U. NEWS

QSL Bureaus of the World.....82, June; 65, Dec.

KEYING, BREAK-IN & CONTROL CIRCUITS

All-Electronic Key and Keyer, An (Livingston).....	28, Oct.
Feedback.....	190, Dec.
"Anchoring" the J-38 Key (H&K).....	59, Mar.
DX-100 Keying (H&K).....	69, Feb.
Flexible Transmitter-Receiver Frequency Control (Jones).....	26, July
Feedback.....	43, Sept.
Improved Control Circuits for the DX-35.....	71, June
Keying the Viking Mobile Transmitter (H&K).....	78, May
Manual Keying With the "Mon-Key" (H&K).....	50, Sept.
"Matchtone" The (Grenfell).....	26, Jan.
Method of Installing "Proxos," Another (H&K).....	63, Aug.
One-Hand Key Monitone Switch (H&K).....	71, Nov.
Proxos to Ranger Connections (H&K).....	53, Sept.
Reducing Key Clicks in Cathode Keyed Transmitters (H&K).....	52, Sept.
"Transmatic" — A Transistorized Automatic Keyer, The (Coale).....	37, Apr.
Transistorized Keying Monitor With Speaker (Tippie).....	26, Mar.
T.R. Switches (H&K).....	51, Sept.
Voice Key for the Handicapped, A (Watt).....	36, Oct.
VR Break-In for the DX-100 (Cox).....	28, Sept.

MEASUREMENTS AND TEST EQUIPMENT

Audio-Frequency Test Signal Without an Audio Oscillator (H&K).....	50, Mar.
Cheap and Simple R.F. Indicators (McCoy).....	16, Nov.
Checking Transistors (Priebe).....	20, Apr.
Expanded-Scale A.C. Voltmeter, An (Kohl).....	36, Mar.
Improved V.H.F. Coil for Grid-Dip Meters (Newland).....	36, Apr.
Increasing Audio Oscillator Range (H&K).....	53, Sept.
"Mickey-Match," The (Bunce).....	26, Nov.
Novice Band Checker, A (McCoy).....	19, July
Remote Control of a Grid-Dip Meter (Burks).....	15, Oct.
R. F. Sampler, Improved (H&K).....	72, Nov.
Simple, Cheap Antenna Bridges (Geiser).....	36, May
Transistorized Frequency Marker (Johnson).....	16, Feb.
Transistorized Grid-Dip Meter, A (Neben).....	34, June
Versatile Standing-Wave Indicator, The (Goodman).....	15, June
Wide-Band Moderate-Power Dummy Loads (Geiser).....	13, Dec.
50-Kc. Transistor Multivibrator Frequency Standard (Berge).....	18, July

MISCELLANEOUS — GENERAL

All-American Awards.....	58, Feb.
Amateur Activity in the South American Quadrant of Antarctica (Sieburth).....	56, June
Amateur Radio, Russian Style (Hannah).....	61, Nov.
Book Holder-Opener (H&K).....	76, Oct.
"Do-It-Yourself" Club Newspapers (Jahlin).....	54, Mar.
Edison Award to K5BQT.....	57, Apr.
El Paso Amateur Transmitter Hunt (Ponsford).....	55, Feb.
From Pole to Pole on 40 Watts (Linehan).....	78, Dec.
Hams Across The Sea (Lukach).....	57, Aug.
Helping Hand, The.....	62, Feb.
Highball to Eyeball (Ballard).....	210, Dec.
Minutes of 1958 Annual Meeting of the Board of Directors "Mirror" for the Novice Fist, A (Carter).....	58, July
Moon-Bounce Transmissions Resumed.....	50, Mar.
Mounting QSL Cards.....	76, Oct.
National Convention, 10th ARRL.....	66, July
Late News.....	56, Aug.
New Books.....	190, May; 166, Sept.; 174, Oct.; 185, Nov.
Old Timers Take Note.....	10, Mar.
Peek at PRP, Another (Southworth).....	42, Aug.
QSL Card Display Method, Another (H&K).....	68, Feb.
Remember When? (Wildman).....	50, Feb.
Save That Old Mascara Brush (H&K).....	73, June
Soldering And Soldering Accessories (H&K).....	72, June
Why Be a Ham? (Wood).....	57, Feb.
W3WV Receives Navy Award.....	66, June
Zoning Problem Solved, A (Milius, Smith).....	59, Sept.

MISCELLANEOUS — TECHNICAL

Choosing Capacitors (Geiser).....	22, July
How to Solder (McCoy).....	16, Sept.
Keeping Equipment Cool (Ives).....	18, Aug.
Hints and Kinks	
Band Edge Marker, A.....	52, Sept.
Changing Crystal Frequencies.....	77, Oct.
Cheap and Easy Shielding of Power Cables.....	76, Oct.
Cleaning Hint, Another.....	61, Apr.
Coaxial Straight Adapter, A.....	73, Nov.
Don't Clean Ceramic Material!.....	68, Dec.
Driving Soft Copper Pipe Into the Earth.....	63, Apr.
Easier Removal of Batteries From Holders.....	52, Sept.
Feed-Through Insulator, A Novel.....	72, Nov.
Gonset V.H.F. V.F.O., Notes on the.....	76, Oct.
Holders for Radar-Type Crystals.....	64, Apr.
Homemade Flexible Shaft Extensions.....	62, Apr.
Making Slug-Tuned Coils From Coax.....	76, Oct.
Medical Tools for the Workbench.....	77, Oct.
Molding Clay Tool Holder.....	77, May
Plastic Storage Bins.....	65, July
Plug-In Coil Hint.....	65, July
Recording Oscilloscope Traces With A Grease Pencil.....	53, Sept.
Remotely-Controlled Coaxial Switch.....	63, Aug.
Removing Static Electricity From Plastic Meter Covers R.F. and Audio Ratings for the Surplus 701A.....	63, July
R. F. Sampler, Improved.....	72, Nov.
Simple Method to Lower Crystal Frequency, A.....	52, Sept.
Snap-On Cable Clamps.....	64, Aug.
Source of Shim Stock, A.....	79, May
Splicing 300-Ohm Line.....	53, Jan.
"An Additional Hint.....	62, Aug.
"Starting Nuts" Kink, Another.....	64, Apr.
Time Signals on the Gonset Super 6.....	64, Aug.
Use for the Bell-or-Chime-Circuit Transformer, Another Wax Paper in the Workshop and Shack.....	77, May
New Apparatus	
Baby Tank Circuit.....	35, Apr.
Cushcraft 2-Meter Halo, The.....	194, Dec.
Electronic Coax Relay.....	74, May
Interchangeable-Element Soldering Irons.....	17, Feb.
Johnson Type U Variable Capacitors.....	17, Nov.
Johnson Sockets for External Anode Tubes.....	192, Dec.
Low-Power Transmitting Baluns.....	25, Feb.
Miniature Components.....	194, Dec.
Mounting for Small Speakers.....	47, Sept.
New Semi-Automatic Key.....	74, May
Slug-Tuned Coil Forms.....	29, Aug.
Wide-Range Indicating Wave Meters.....	17, Mar.
New Narrow-Band Image Transmission System, A (MacDonald)	
Part I.....	11, Aug.

Part II	31, Sept.
Quist Quiz	79, Jan.; 66, Feb.; 21, Mar.; 45, Apr.; 35, May; 62, June; 62, July; 26, Aug.; 21, Sept.; 40, Oct.; 41, Nov.; 45, Dec.

Recommended Tube Types for Amateur Short-Wave Receivers (Aurick, Boivin)	22, Nov.
Safe Method for Etching Crystals, A (Newland)	20, Jan.
Scientific Telemetry for USNC-IGY (Matthews, Ludwig)	41, Jan.
Simple Low-Pass Filter Design (O'Hern)	21, Oct.

Technical Correspondence

Amateur Satellite Reception and Recording (Dearborn)	44, Dec.
Cheap and Easy Sideband (Kelley)	24, Sept.
Converter Noise & Quist Quiz (Brown)	25, Sept.
Drift-Cancelling Oscillator (McLaughlin)	24, Sept.
Dual-Path Propagation (Stephenson)	47, Mar.
HBR-14, Still More on the (Woosley, Crosby)	46, Apr.
Importance of Metering Screen-Grid Current, The (Skeen)	42, May
Meteor "Ping" From Sputnik II (Graf)	47, Mar.
Never Test a Transistor with an Ohmmeter (Von Wald)	24, Sept.
Notes on the HBR-14 Receiver (Crosby)	49, Feb.
Possible Explanation of Abnormal Propagation, A (Beers)	47, Mar.
Quad Antenna Dimensions (Elliott)	47, Apr.
Quad Dimensions, More	62, June
Quad Dimensions, More On (Rummell)	24, Sept.
Radiation With Dummy Loads (Troaste)	42, May
Seven Resistors (Finch)	47, Apr.
Sideline Sightings (Kunze)	46, Apr.
Slot, Antenna, The (Jablin)	44, Dec.
Transistor Power Supply (Karl)	25, Sept.
Uncubical Quad (Ellington)	34, July
701A, The (Seyffert)	25, Sept.

Technical Topics

Do You Want an A.M. Linear?	180, Oct.
Input Impedance and Fed-Through Power in Ground-Grid Amplifiers	32, Dec.
Screen Protection	184, Dec.
Voice Key for the Handicapped, A (Watt)	36, Oct.
Want a Moon QSL?	56, Jan.

MOBILE

Continuously Loaded Whip Antennas (Harris)	47, May
High-Power Transistorized Mobile Power Supply (Johnson)	11, Apr.
Keying the Viking Mobile Transmitter (H&K)	78, May
Mobile Converter — No B Plus (LaFarra)	16, Aug.
Mobile Hint: Pencil When You Need It (H&K)	59, Mar.
Mobile Hint: Pruning Loading Coils (H&K)	64, July
Modifications to the Elmac AF67 (H&K)	75, Oct.
"New Approach" to Mobile Converter Construction, Re (H&K)	53, Jan.
Reducing Noise in Transistorized Auto Receivers (H&K)	60, Mar.
Simple 12-Volt Mobile Converter for 75 and 40 Meters (H&K)	63, July
Squeal System for the Gomet G-66 (H&K)	59, Mar.
Three-Phase Power Supply for Mobile Use (Jennings)	28, Jan.
Time Signals on the Gomet Super 6 (H&K)	64, Aug.
Transistorized B.F.O. for Mobile Use (H&K)	67, Feb.
Transistorized Power Supply (Chambers)	36, Feb.
Feedback	52, Mar.
Transistor Mobile Converter (DeMaw)	41, Oct.
Transmitter Hunting on 75 Meters (Isaacs)	38, June
Tubless Conversion for 75-Meter Mobile (H&K)	64, Apr.
Tuning the Helix to Frequency (H&K)	68, Dec.
Two-Band Halo for V.H.F. Mobile, A (Tilton)	11, Sept.
Two-Tube Mobile Transmitter (Western)	24, Dec.
Using Film Reels as Capacitive Hats (H&K)	69, Feb.
Using the Gomet Super-Six Ahead of a Command Receiver (H&K)	63, Apr.
100-Watt Transistor Mobile Power Unit (Karl)	36, June
6-Meter Hearsemobile, The (Weissbrodt)	50, Feb.

MODULATION

(See Audio-Frequency Equip., & Design)

OPERATING PRACTICES

"Anchoring" the J-38 Key (H&K)	59, Mar.
Automatic "Timer" for the 10-Minute Station Break (H&K)	52, Jan.
Contest Operating (LeKashman)	54, Sept.
How to Top the CD Party! (Hippieley)	68, July
Method for Scoring Hidden Transmitter Hunts, A (Jerome)	206, Dec.

More Awards	62, Sept.
Originating Message Traffic (Fell)	76, Dec.

POWER SUPPLY

Combination Power Supply and Modulator Using Transistors (Campbell)	18, Sept.
Feedback	68, Oct.
Electronic High-Voltage Regulator (Clark)	30, May
"Fixed-Location" Power Supply for Mobile Equipment, A (H&K)	53, Sept.
High-Power Transistorized Mobile Power Supply (Johnson)	11, Apr.
Power-Supply Construction, Some Notes on (Geiser)	18, Nov.
Power-Supply Overload Relay, A Novel (Jones)	15, Feb.
Series — Parallel Switching Circuit for Power Transformer Primaries	52, Jan.
Switch-to-Safety Idea (H&K)	70, Nov.
Three-Phase Power Supply for Mobile Use (Jennings)	28, Jan.
Time-Delay Protective Circuit for High-Voltage Power Supplies	79, May
Transistorized Power Supply (Chambers)	36, Feb.
Feedback	52, Mar.
Transistor Power Supply (Karl) (Tech. Correspondence)	25, Sept.
100-Watt Transistor Mobile Power Unit (Karl)	36, June

RECEIVING

Additional Output Terminals for the Receiver's Auxiliary Power Socket (H&K)	68, Feb.
Adjustment Procedures for V.H.F. Converters (Frye)	21, Oct.
Audio Muting for the Collins 75-A4 (H&K)	76, May
"Bonus" 21-Mc. Converter, The (McCoy)	33, Oct.
Feedback	10, Nov.
Conelrad Monitoring With Discarded Auto Receivers (H&K)	62, Apr.
Easy-To-Build 108 Mc. Converter, An (Campbell)	45, Feb.
Filtering and Shielding the Station Receiver (Geiser)	27, Aug.
Hammarlund HQ-110, The (Rec. Equip.)	46, Aug.
HBR-14, Still More on the (Woosley, Crosby) (Tech. Correspondence)	46, Apr.
Inexpensive Crystal-Filter I.F. Amplifier, An (Gottfried)	18, Feb.
National NC-109 Receiver, The (Rec. Equip.)	36, Jan.
New Thresholds in V.H.F. and U.H.F. Reception (Bateman, Bain)	30, Dec.
"New Approach" to Mobile Converter Construction, Re (H&K)	53, Jan.
New Receiver Tuning Principle, A	15, Mar.
Noisy Volume Controls, Remedy for (H&K)	70, Nov.
Novel Sideband Selector System, A (Alvernas)	19, May
Pierson KE-93 Receiver, The (Rec. Equip.)	43, May
Q Multiplier for BC-312 or BC-342	68, Dec.
Receiver for the 50-Mc. Man. A (Brandt)	14, July
"Simple X Super" Receiver, The (Goodman)	11, Dec.
Simple 12-Volt Mobile Converter for 75 and 40 Meters (H&K)	63, July
Squeal Circuit for Hallcrafters S-85 (H&K)	67, Dec.
Squeal for the NC-300	31, Mar.
Three Modifications for the NC-300 (Hastings)	44, Apr.
Time Signals on the Gomet Super 6 (H&K)	64, Aug.
Transformerless Version of W3DM's T.R. Switch (H&K)	69, Feb.
Transistorized Keying Monitor With Speaker (Tippie)	26, Mar.
Transistorized Q Multiplier (Campbell)	38, Jan.
Transistorized Tunable Converter, A (H&K)	69, Dec.
Transistor Mobile Converter (De Maw)	41, Oct.
T.R. Switches (H&K)	51, Sept.
Tubless Conversion for 75-Meter Mobile (H&K)	64, Apr.
Using the Gomet Super-Six Ahead of a Command Receiver (H&K)	63, Apr.
Variable Band Width for the Heathkit Q Multiplier (H&K)	77, May
144-Mc. Converter Design and Adjustment, Hints on (Burson)	44, July
80-Meter Tuner, An (Barnard)	11, July

RECENT EQUIPMENT

Amplex KW-62 Amplifier, The	31, July
Centimeg 432-Mc. Receiver, The	44, Oct.
Central Electronics MM-2 R.F. Analyzer, The	47, Oct.
Collins KWM-1 Transceiver, The	23, Apr.
Cosmophone 35 Bilateral Transceiver	44, June
Eldico SSB-100F Transmitter	41, Feb.
Filter-King 6-Meter Converter, The	40, Mar.
Globe Champion, The	39, Feb.

Globe Sidebander DSB-100	40, Dec.
Gonset Communicator III, The	39, Mar.
Gonset V.H.F. V.F.O., Model 3236	45, Sept.
Hammarlund HQ-110, The	46, Aug.
Hammarlund HQ-100, The	45, Oct.
Heath Mohawk Receiver Kit, The	41, Dec.
Johnson Directional Coupler and Indicator	45, Nov.
Johnson Thunderbolt, The	30, July
Johnson 250-39 T.R. Switch	46, Sept.
Knight Receiver, The	45, Nov.
National NC-109 Receiver, The	36, Jan.
National VFO-62, The	33, July
P & H V.F.O.-Matic 8020, The	41, Mar.
Pierson KE-93 Receiver, The	43, May
RME Model 4350A Receiver, The	44, Sept.
Tecraft V.H.F. Converters, The	44, Nov.
Viking Courier, The	45, Aug.
Viking Navigator, The	46, May

REGULATIONS

ARRL Files on MM Proposal	73, May
Examination Schedule, 1958	57, Jan.
FCC-IRAC Proposals	63, June
Minor RACES Rules Change	56, July
MM Expansion Proposed	52, Mar.
Portable Rules Changes	56, July
Portable Rules for Filing	58, Jan.
U.H.F. Changes	63, June
WA2ABC de WV6DEF	72, May
1800-2000 Kc. Changes	64, June
1958 Exam Schedule	56, July
27-Mc. Band Deleted	78, Oct.

SATELLITES

Amateur Satellite Reception and Recording (Dearborn) (Tech. Corres.)	44, Dec.
C.A.P. Satellite Data	59, Apr.
Microlock	70, May
Minitrack Station of the Sohio Moonbeam Group	48, Apr.
Minitrack Systems	60, Feb.
Observations Wanted on "Ghost Satellite"	67, July
Opportunity for Amateur Participation in IGY Satellite Program, An	32, Mar.
Satellite Notes	10, Mar.

SINGLE SIDEBAND

Balanced Modulator for the WJEO Exciter, A (H&K)	77, Oct.
BC-221 as a Carrier Injection Generator for S.S.B. (H&K)	59, Mar.
Cheap and Easy Sideband, 1958	28, May
Some Experiences With	22, Jan.
Cheap and Easy Sideband (Kelly) (Tech. Corres.)	24, Sept.
Choosing Capacitors (Geiser)	22, July
High-Level Mixer for 144-Mc. S.S.B.	30, Sept.
Novel Sideband Selector System, A (Alvernas)	19, May
Sideband Package, A (Bigler)	24, June
Simple grid Current Indicator for Class AB Linear Amplifiers (H&K)	67, Feb.
S.S.B. Reception With the Universal Service Product Detector and Collins 75-A3, Re. (H&K)	62, Apr.

TRANSISTORS

Checking Transistors (Priebe)	20, Apr.
High-Power Transistorized Mobile Power Supply (Johnson)	11, Apr.
Ten-Meter Transistorized Phone Transmitter (Gilbert)	36, Dec.
"Transmistic" — A Transistorized Automatic Keyer, The (Coale)	37, Apr.
Transistorized Frequency Marker (Johnson)	16, Feb.
Transistorized Grid-Dip Meter, A, (Neben)	34, June
Transistorized Tunable Converter, A (H&K)	69, Dec.
Transistor Power Supply (Karl) (Tech. Corres.)	25, Sept.
100-Watt Transistor Mobile Power Unit (Karl)	36, June

TRANSMITTERS

Cheap and Easy Sideband, 1958	28, May
Some Experiences With	22, Jan.
"Customizing" the 6L6GB Hand-Book Transmitter (Korper)	68, May
Novice 50 Watter, The (McCoy)	15, Dec.
Power 25 Watts — Fun Unlimited (Coons)	41, July
Pygmy Powerhouse Model II (Countryman)	10, Oct.
Feedback	45, Dec.

Ten-Meter Transistorized Phone Transmitter (Gilbert)	36, Dec.
Transistor Handikey for Ten Meters, A (Von Wald)	11, Mar.
Two-Tube Mobile Transmitter (Westren)	24, Dec.
Versatile 50-Mc. Transmitter, A (Tilton)	18, Oct.
Viking Navigator, The (Prec. Equip.)	46, May

TRANSMITTING

All-Purpose 813 Amplifier, An (Thomason)	35, Aug.
Capacitive Neutralizing Hint (H&K)	60, Mar.
Desk-Top 650-Watt Amplifier, A (Lomaney)	38, Sept.
DX-100 Keying (H&K)	60, Feb.
Flexible Transmitter-Receiver Frequency Control (Jones)	26, July
Feedback	43, Sept.
How To Tune Your Pi-Network Final (McCoy)	34, Feb.
Improved Control Circuits for the DX-35 (H&K)	71, Jun.
Keep It Clean (H&K)	67, Dec.
Medium-Power R. F. Amplifier, A (Mix)	11, Feb.
Method of Installing "Proxos," Another (H&K)	63, Aug.
Multiple Position Crystal Holder (H&K)	60, Mar.
Neutralizing Hints (H&K)	78, May
Pi-Network Tank Design (Wulf)	26, Sept.
Push-to-Talk for the Communicator I and II (H&K)	71, Dec.
Reducing Key Clicks in Cathode Keyed Transmitters (H&K)	52, Sept.
Screen-Grid Protection With a Surplus Relay (H&K)	64, July
Screen Protection (Tech. Topics)	184, Dec.
Simple Grid Current Indicator for Class AB Linear Amplifiers	67, Feb.
Two Linear Amplifiers	22, Mar.
Variable Frequency Oscillator, A (Baldwin)	29, Nov.
VFO — A Variable Crystal Oscillator (Shall)	11, Jan.
Wide Range Loading Capacitance Using Only Four Capacitors (H&K)	76, May
50-Meter Loading Without Harmonics (McCoy)	24, Aug.
6146 Beam Power Tube, Longer Life for the (H&K)	71, Nov.

V.H.F. & MICROWAVES

Adjustment Procedures for V.H.F. Converters (Frye)	24, Oct.
Directional Coupler for 144 Mc., A	38, Aug.
Easy-To-Build 108 Mc. Converter, An (Campbell)	45, Feb.
Gonset Communicator III, Notes on the (H&K)	74, Oct.
High-Level Mixer for 144-Mc. S.S.B.	30, Sept.
High Power on 220 Mc. with the 4CX300A (Clark)	17, Apr.
Improved V.H.F. Coil for Grid-Dip Meters (Newland)	36, Apr.
Improving Performance of Crystal-Controlled V.H.F. Converters (Tilton)	27, Feb.
Improving the "Club-Saver" Two-Meter Portable (Frieders)	21, May
Let's Go Microwave (Bredon)	11, June
Modifying the Viking Adventurer for 50 Mc. (Brogdon)	22, Sept.
New Thresholds in V.H.F. and U.H.F. Reception (Bateman, Bain)	30, Dec.
Obstacle Gain Techniques for 50 Mc. and Higher (Craig)	18, Mar.
Push-to-Talk for the Communicator I and II (H&K)	71, Dec.
Receiver for the 50-Mc. Man, A (Brandt)	14, July
Sporadic-E Skip on 200 Mc.? (Cooper)	33, Nov.
"Tee" Trap for V.H.F., A (H&K)	60, Mar.
Two-Band Halo for V.H.F. Mobile, A (Tilton)	11, Sept.
Two-Meter Ground Plane (H&K)	68, Dec.
"Umbrella for Two": Novel Ground-Plane Antenna for 144 Mc. (H&K)	64, Aug.
Using TV Signals in V.H.F. Propagation Studies (Graf)	22, Feb.
Versatile 50-Mc. Transmitter, A (Tilton)	16, Oct.
V.H.F. Crystal Oscillator (H&K)	72, Nov.
Working Ionospheric Scatter on 50 Mc. (Taylor)	28, Dec.
6-Meter Hearnmobile, The (Weinbrodt)	50, Feb.
50-Mc. Station for the Beginner (McCoy)	
Part I	30, Apr.
Part II	22, May
144-Mc. Converter Design and Adjustment, Hints on (Burson)	44, July
World Above 50 Mc., The	
Coaxial Tank for 50 Mc.	76, June
East Coast to Hawaii on 50 Mc.	62, Mar.
Helical Elements in 6-Meter Antennas	69, Sept.
Horizontal Dipole for the Communicator	78, Feb.
Overtone Oscillator for the SCR-522	60, Jan.
Feedback	148, Mar.
Putting the DX-35 on 50 Mc.	93, Dec.
Putting the DX-40 on 50 Mc.	146, Aug.
Trophy for First 50-Mc. WAC	77, Feb.
50-Mc. WAC Achieved	64, Mar.